

Figure 1

*Prior Art*

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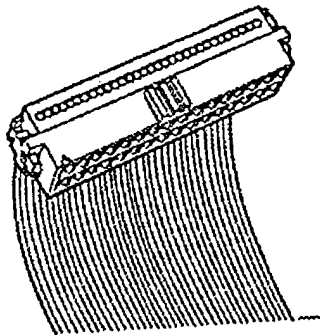
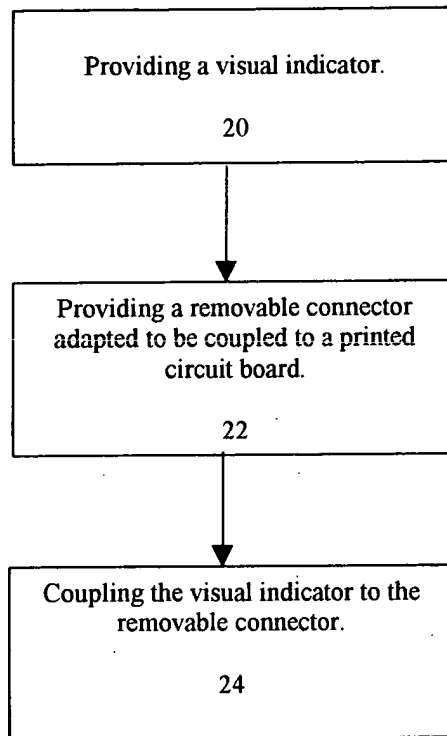
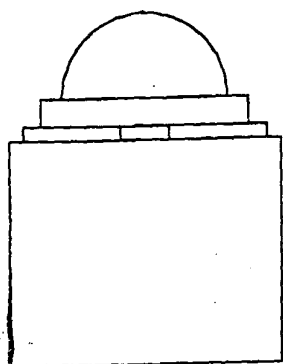


Figure 2  
Prior Art



**Figure 3**



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Figure 4(a)

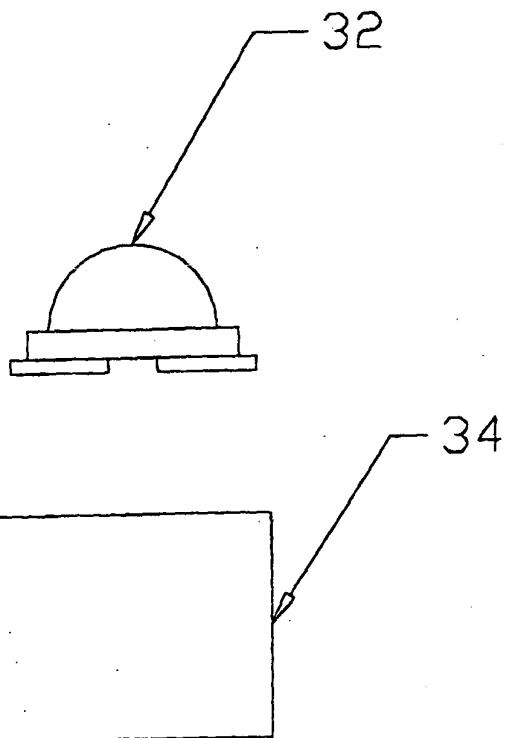


Figure 4(b)

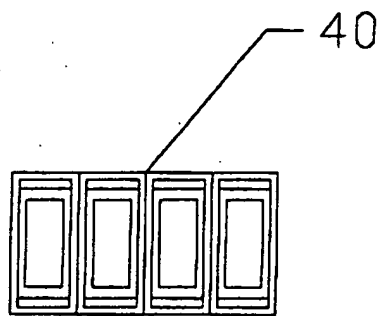


Figure 5(a). Top View

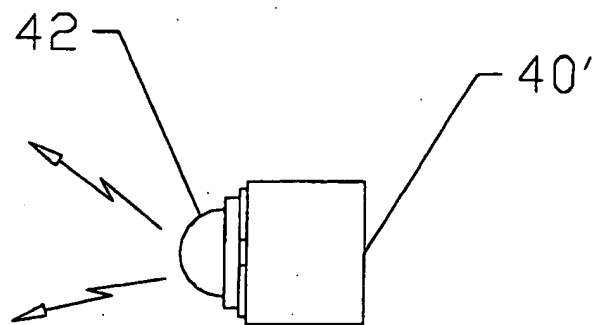


Figure 5(b). Side View

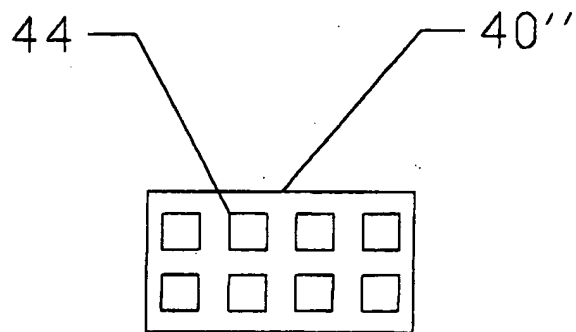


Figure 5(c). Bottom View

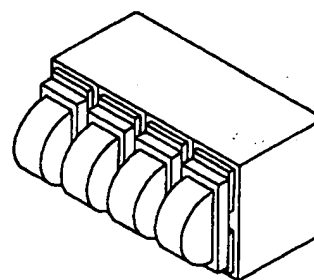


Figure 5(d). Perspective View

This diagram shows an exploded perspective view of a multi-layer printed circuit board (PCB) assembly. The assembly consists of four main PCB layers, labeled 60, 62, 64, and 66, which are stacked vertically. Each layer has a series of circular mounting holes along its edges. A connector assembly, labeled 50, is shown in an exploded position below the bottom layer (60). The connector assembly includes a base with multiple pins or contacts. Various other components and features are labeled with numbers: 70, 72, 74, and 76 are positioned between the layers, while 52, 54, and 56 are located on the right side of the assembly. A separate rectangular component is shown in the upper right corner of the diagram.

Figure 6